

ABSTRACT OF THE DISCLOSURE

[0043] A digital processing device to process media data is provided. The device includes a plurality of processing modules to process the media data, and a media data path. The media data path communicates the media data between the processing modules, wherein the media data path is arranged in a ring configuration. In one embodiment, the media data path defines a digital audio bus that serially interconnects the plurality of processing modules. The digital audio bus may communicate digital audio data in a plurality of time-slots, each particular processing module having an associated time-slot from which data is received from the data path for processing by the particular processing module.